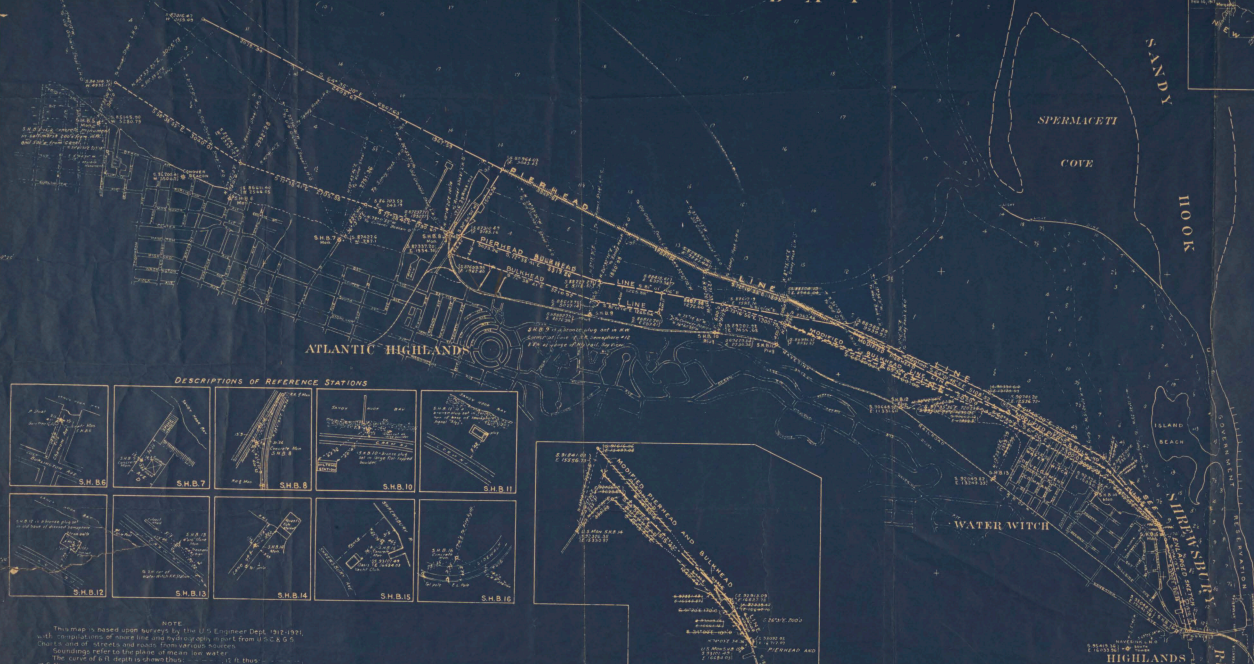
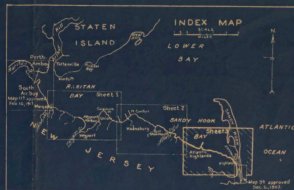


SANDY HOOK BAY



ATLANTIC

80

OCEAN

DESCRIPTIONS OF REFERENCE STATIONS



NOTE

This map is based upon surveys by the U. S. Engineer Det. 1917-1921, and is a compilation of plane table and hydrographic reports from U. S. C. & G. S. charts and notes. Some vertical datum is indicated by the letter 'V'.
 Soundings refer to the datum of mean low water.
 The curve of all depths is shown black.

The monument survey, S.H. 6, were set on 11/24/1894, and are bronze rods and a stone set in position on 11/25/1894.
 Coordinates of points and bearings of lines herein refer to an extension of the meridian system used by the Survey of Raritan Bay, New Jersey, which was perpendicular and parallel to the true meridian through U. S. C. & G. S. station 'Beaumont' on 11/24/1894, and which is a true meridian.
 The coordinates of the points are shown in feet and inches through U. S. C. & G. S. station 'Beaumont' on 11/24/1894, and which is a true meridian.
 The vertical line, shown in red, between station 'Beaumont' to the barometer station, is a true meridian, and the horizontal line, shown in red, is a true meridian.
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ENLARGED SKETCH OF WARD LINE MOUTH OF CHEESBURY RIVER WATER WITH HIGHLANDS



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I recommend that the attached profile line shown thereon be made permanent on the map, and be published combined profile and bulwark lines shown thereon, in the same manner as shown on the profile of the line, to be approved herein, to complete these portions of the base profile of the line shown thereon.

Edgar Johnson
 Major General, Chief of Engineers

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HERBARD AND BULWARK LINES
 for the South Shore of
RARITAN and SANDY HOOK BAYS, N. J.
 CHEESBURY CREEK TO HIGHLANDS BRIDGE

SCALE: 1" = 100 FEET

DATE: JANUARY 7, 1922

OFFICE OF THE CHIEF OF ENGINEERS, U. S. ARMY, WASHINGTON, D. C.

Approved (recommended and transmitted with report of the Chief of Engineers)

Edgar Johnson
 Major General, Chief of Engineers

Approved (recommended and transmitted with report of the Chief of Engineers)

WASHINGTON, D. C., 1922